

INTERNATIONAL SEARCH REPORT

International application No
PCT/JP2005/021397

A CLASSIFICATION OF SUBJECT MATTER

Int Cl *H01L21/265* (2006 01), *H01L21/336* (2006 01), *H01L29/786* (2006 01), *H01L29/78* (2006 01),

According to International Patent Classification (IPC) or to both national classification and IPC

B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int Cl HOIL 21/265

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2006
Registered utility model specifications of Japan 1996-2006
Published registered utility model applications of Japan 1994-2006

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	JP 2001-308344 A (SEMICONDUCTOR ENERGY LABORATORY CO., LTD.) 2001.11.02, whole document, Fig 1-5 (Family:none)	1-10
X	JP 2004-158627 A (KABUSIKIGAISSYA RUNESASUTEKUNOROJI) 2004.06.03, whole document, Fig 1-39 & US 2004/87118 A1	1-10
X	JP 2001-338894 A (MATSUSITA DENKISANGYOU KABUSIKIGAISSYA) 2001.12.07, whole document, Fig 1-5 (Family:none)	1-10

☒ Further documents are listed in the continuation of Box C ☐ See patent family annex

* Special categories of cited documents

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"O" document referring to an oral disclosure, use, exhibition or other means

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"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

20.01.2006

Date of mailing of the international search report

07.02.2006

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C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	JP 2003-059857 A (MATSUSITA DENKISANGYOU KABUSIKIGAISSYA) 2003.02.28, whole document, Fig 1-4 & WO 02/99862 A1	1-10
X	JP 2002-246601 A (SEIKOEPUSON KABUSIKIGAISSYA) 2002.08.30 ,whole document, Fig 1-6 & US 2002/175372 A1	1-10

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International application No

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Continuation of International Patent Classification (IPC) or both
national classification and IPC

H01L21/8234 (2006. 01), *H01L27/088* (2006. 01), *H01L21/8242* (2006. 01), *H01L27/108* (2006. 01)